



# ecology and environment, inc.

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## M E M O R A N D U M

US EPA RECORDS CENTER REGION 5



487477

DATE: February 17, 1988  
TO: Don Josif  
FROM: Gary Cobb *GC*  
SUBJECT: Illinois/FIL0599GA/Roxana  
SCA Services Barton Landfill/ILD000670935

This memorandum is in response to comments from a telephone conversation with Tom Crause of the Illinois Environmental Protection Agency (IEPA) on February 9, 1988. Mr. Crause's comments were in regard to a site inspection plan prepared by Ecology and Environment, Inc., (E & E-FIT) for SCA Services Barton Landfill.

E & E-FIT has reviewed these comments and taken them into consideration. The IEPA comments have been added to the site file. A synopsis of IEPA comments and E & E-FIT follows:

1. Comment: The inspection plan is written with Barton Landfill #1 as the site. Barton Landfill #2 is immediately west of #1. If contaminants are detected during the site inspection it may be difficult to determine which landfill is the source. Therefore, the site inspection should include both landfills.

Response: E & E-FIT has taken this matter into consideration and will include Barton Landfill #2 in the site inspection.

2. Comment: The eleven monitoring wells outlined to be sampled in the site inspection plan is probably the total number of monitoring wells for both landfills.

Response: E & E-FIT file information is unclear as to the current number of monitoring wells present. The exact number of monitoring wells on-site will be obtained from site representatives prior to the site inspection.

3. Comment: It should be stated in the site inspection plan that the twelve on-site soil samples will be taken in ponded areas, in areas of leachate seeps, and in areas of visual contamination.

Response: This was stated, in slightly different words, on page 5 of the site inspection plan.

4. Comment: The IEPA would like to see an additional surface water sample collected mid-way between the upstream and downstream samples.

Response: E & E-FIT feels that the downstream sample should be sufficient to document contamination of the creek. Instead, two additional sediment samples will be added to the sampling scheme and taken along the stretch of the creek adjacent to the landfill. The purpose of the sediment samples is to determine if contaminants are attenuating to suspended clay particles and being deposited in this area.

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